2013 Structure Summary Report

Overall Unit and Item Ratings

Butte County Public Works Department

Big Chico Creek Diversion Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

2013 Structure Summary Report

Overall Unit and Item Ratings

Butte County Public Works Department (cont.)

Lindo Channel Control Structure

Overall Unit Rating	Overall Unit Rating Rated Item				
A	Photo Documentation	N			
	Vegetation & Obstructions	М			
	Shoaling / Sedimentation	Α			
	Erosion / Bank Caving	A			
	Revetments	Α			
	Encroachments	Α			
	Culverts: Inlets / Outlets	Α			
	Culverts: Breaks / Holes / Cracks	Α			
	Metal Pipes	N			
	Trash Racks	N			
	Flap Gates	N			
	Sluice/Slide Gates	Α			
	Electric Gate Operators	N			
	Manual Gate Operators	Α			
	Concrete Surfaces	Α			
	Concrete Tilting / Settlement	Α			
	Concrete Foundations	Α			
	Security Fencing	N			
	Closure Structures	Α			
	Trash Rakes	N			
	Other Metallic Items	N			
	Monolith Joints	Α			
	Safety	Α			
	Operation & Maintenance Manual	Α			

2013 Structure Summary Report

Overall Unit and Item Ratings

Butte County Public Works Department (cont.)

Lindo Channel Diversion Weir

Overall Unit Rating	Item Rating	
Α	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

Unit Cover Sheet

2013 Structure Inspection Results

Structure	
Big Chico Creek Diversion Structure	

Structure Rating	A
Date of Inspection	07/30/2013
DWR Inspector	Matthew Hoffman
Accompanied By	

Levee Inspection Report By Mile - Structure 2013

Butte County Public Works Department

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/30/2013 07/30/2013	Matthew Hoffman

LMR No.	Levee	Mile End	Category	Item	Rating ** Location	Action/Comment	GPS Latitude/Longitud	le Issue No. Photo
1	0.00	0.00	Structures	Photo Documentation	N		39.763308 ° 39.763308 -121.791903 ° -121.791903	
2	0.00	0.00	Structures	Vegetation & Obstructions	А	Inspector Comments: Minimal vegetation, the flow does not appear to be impeded.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
3	0.00	0.00	Structures	Shoaling / Sedimentation	А	Inspector Comments: There is some sedimentation, it does not appear to impede the flow.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
4	0.00	0.00	Structures	Erosion / Bank Caving	А	Inspector Comments: No erosion observed.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
5	0.00	0.00	Structures	Revetments	А	Inspector Comments: Riprap is visible and appears to be properly maintained.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
6	0.00	0.00	Structures	Encroachments	Α	Inspector Comments: No encroachment present.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
7	0.00	0.00	Structures	Culverts: Inlets / Outlets	А	Inspector Comments: Minimal sedimentation, the flow does not appear to be impeded.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks	А	Inspector Comments: The culverts appear to be in good condition.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
9	0.00	0.00	Structures	Metal Pipes	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
10	0.00	0.00	Structures	Trash Racks	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
11	0.00	0.00	Structures	Flap Gates	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
12	0.00	0.00	Structures	Sluice/Slide Gates	Α	Inspector Comments: Gate appears in good condition.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
13	0.00	0.00	Structures	Electric Gate Operators	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
14	0.00	0.00	Structures	Manual Gate Operators	А	Inspector Comments: Manual gate operators appear to be in good condition.	39.763308 ° 39.763308 -121.791903 ° -121.791903	
15	0.00	0.00	Structures	Concrete Surfaces	А	Inspector Comments: The concrete surface appears to be in good condition.	39.763308 ° 39.763308 -121.791903 ° -121.791903	

* Location	
LS : Land Side	
WS : Water Side	

** Rating

A : Acceptable

M : Minimally Acceptable

U : Unacceptable

le PO: Partially Obstructing
Acceptable CO: Completely Obstructing
able N: Not Inspected, see Inspector Comment

C : Corrected

onacceptable 14 . Not inspected, see

Levee Inspection Report By Mile - Structure 2013

Butte County Public Works Department

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/30/2013 07/30/2013	Matthew Hoffman

LMR	Levee	Mile	0-4	14	Rating ** Locatio	A di and O and and a	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	Item	Rating ** Location **	Action/Comment	Start	End	Photo
16	0.00	0.00	Structures	Concrete Tilting / Settlement	Α	Inspector Comments: No tilting, sliding or settlement observed.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	16
17	0.00	0.00	Structures	Concrete Foundations	Α	Inspector Comments: The concrete foundations appear in good condition.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	
18	0.00	0.00	Structures	Security Fencing	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	
19	0.00	0.00	Structures	Closure Structures	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	19
20	0.00	0.00	Structures	Trash Rakes	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	20
21	0.00	0.00	Structures	Other Metallic Items	N	Inspector Comments: This item does not apply to this inspection.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	21
22	0.00	0.00	Structures	Monolith Joints	А	Inspector Comments: Monolith joints appear to be in good condition.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	22
23	0.00	0.00	Structures	Safety	А	Inspector Comments: There are hand rails installed.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	23
24	0.00	0.00	Structures	Operation & Maintenance Manual	А	Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.	39.763308 ° -121.791903 °	39.763308 ° -121.791903 °	24

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

Butte County Public Works Department

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/30/2013 07/30/2013	Matthew Hoffman

Levee Mile Report Line	1				
Start Levee Mile	0.00				
End Levee Mile	0.00				
Location					
Category	Structures				
Item Photo Documentation					
This is a view of the structure from the bike path.					

mhoffman_t_20130807_035.JPG

Start Levee Mile 0.00 End Levee Mile 0.00 Location Category Structures Item Photo Documentation	Levee Mile Report Line	1
Location Category Structures	Start Levee Mile	0.00
Category Structures	End Levee Mile	0.00
	Location	
Item Photo Documentation	Category	Structures
	Item	Photo Documentation

This is a view of the structure from upstream.

mhoffman_t_20130807_036.JPG

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation

This is a view of the structure from downstream.

mhoffman_t_20130807_037.JPG







Location LS: Land Side WS : Water Side CR : Crown

M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Unit Cover Sheet

2013 Structure Inspection Results

Structure	
Lindo Channel Control Structure	

Structure Rating	A
Date of Inspection	07/30/2013
DWR Inspector	Matthew Hoffman
Accompanied By	

Levee Inspection Report By Mile - Structure 2013

Butte County Public Works Department

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/30/2013 07/30/2013	Matthew Hoffman

LMR No.	Levee	Mile	Category	Item	Rating ** Location	Action/Comment	GPS Latitude/Longitude Start End	Issue No. Photo
1	0.00	0.00	Structures	Photo Documentation	N		39.761520 ° 39.761520 ° -121.797265 °	
2	0.00	0.00	Structures	Vegetation & Obstructions	M	Inspector Comments: Minimal vegetation, and some trees that may inpede the flow close to the gates.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
3	0.00	0.00	Structures	Shoaling / Sedimentation	Α	Inspector Comments: Minimal shoaling observed.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
4	0.00	0.00	Structures	Erosion / Bank Caving	Α	Inspector Comments: No erosion observed.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
5	0.00	0.00	Structures	Revetments	А	Inspector Comments: Riprap is visible and appears to be properly maintained.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
6	0.00	0.00	Structures	Encroachments	Α	Inspector Comments: No encroachments observed.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
7	0.00	0.00	Structures	Culverts: Inlets / Outlets	Α	Inspector Comments: The culverts appear to be in good condition, the flow does not appear to be impeded.	39.761520 ° 39.761520 ° -121.797265 °	
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks	А	Inspector Comments: The culverts appear in good condition.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
9	0.00	0.00	Structures	Metal Pipes	N	Inspector Comments: This item does not apply to this inspection.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
10	0.00	0.00	Structures	Trash Racks	N	Inspector Comments: This item does not apply to this inspection.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
11	0.00	0.00	Structures	Flap Gates	N	Inspector Comments: This item does not apply to this inspection.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
12	0.00	0.00	Structures	Sluice/Slide Gates	А	Inspector Comments: Gates appear in good condition.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
13	0.00	0.00	Structures	Electric Gate Operators	N	Inspector Comments: This item does not apply to this inspection.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
14	0.00	0.00	Structures	Manual Gate Operators	А	Inspector Comments: Manual gate operators appear to be in good condition.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	
15	0.00	0.00	Structures	Concrete Surfaces	А	Inspector Comments: The concrete surface appears to be in good condition.	39.761520 ° 39.761520 ° -121.797265 ° -121.797265 °	

* Location	
LS : Land Side	
WS : Water Side	

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

C : Corrected

0.011000

FINAL DATA

Page 1 of 3

Levee Inspection Report By Mile - Structure 2013

Butte County Public Works Department

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/30/2013 07/30/2013	Matthew Hoffman

LMR	Levee	Mile	0-1	lta	Rating ** Locatio	A disar (O assessed	GPS Latitud	e/Longitude	Issue No.
No.	Start	End	Category	Item	Rating ** Location	Action/Comment	Start	End	Photo
16	0.00	0.00	Structures	Concrete Tilting / Settlement	Α	Inspector Comments: No significant areas of tilting, sliding or settlement observed.	39.761520 ° -121.797265 °	39.761520 ° -121.797265 °	
17	0.00	0.00	Structures	Concrete Foundations	Α	Inspector Comments: The concrete foundation appears to be in good condition.	39.761520 ° -121.797265 °	39.761520° -121.797265°	
18	0.00	0.00	Structures	Security Fencing	N	Inspector Comments: This item does not apply to this inspection.	39.761520 ° -121.797265 °	39.761520 ° -121.797265 °	
19	0.00	0.00	Structures	Closure Structures	Α	Inspector Comments: The closure structure appears in good condition.	39.761520 ° -121.797265 °	39.761520° -121.797265°	
20	0.00	0.00	Structures	Trash Rakes	N	Inspector Comments: This item does not apply to this inspection.	39.761520 ° -121.797265 °	39.761520° -121.797265°	
21	0.00	0.00	Structures	Other Metallic Items	N	Inspector Comments: This item does not apply to this inspection.	39.761520 ° -121.797265 °	39.761520 ° -121.797265 °	
22	0.00	0.00	Structures	Monolith Joints	Α	Inspector Comments: Monolith joints appear to be in good condition.	39.761520 ° -121.797265 °	39.761520° -121.797265°	
23	0.00	0.00	Structures	Safety	Α	Inspector Comments: Hand rails are installed.	39.761520 ° -121.797265 °	39.761520 ° -121.797265 °	
24	0.00	0.00	Structures	Operation & Maintenance Manual	А	Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.	39.761520 ° -121.797265 °	39.761520° -121.797265°	

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

Butte County Public Works Department

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/30/2013 07/30/2013	Matthew Hoffman

Levee Mile Report Line	1			
Start Levee Mile	0.00			
End Levee Mile	0.00			
Location				
Category	Structures			
Item	Photo Documentation			
This is a view of the structure from the bike trail.				

mhoffman_t_20130807_039.JPG

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation

This is a view of the structure from upstream.

mhoffman_t_20130807_040.JPG

1
0.00
0.00
Structures
Photo Documentation

This is a view of the structure from downstream.

mhoffman_t_20130807_041.JPG







M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment

Unit Cover Sheet

2013 Structure Inspection Results

Structure	
Lindo Channel Diversion Weir	

Structure Rating	A
Date of Inspection	07/30/2013
DWR Inspector	Matthew Hoffman
Accompanied By	

Levee Inspection Report By Mile - Structure 2013

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/30/2013 07/30/2013	Matthew Hoffman

						· · · · · · · · · · · · · · · · · · ·			
LMR No.	Levee	Mile End	Category	Item	Rating ** Location	Action/Comment	GPS Latitud	e/Longitude End	No. Photo
1	0.00	0.00	Structures	Photo Documentation	N		39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
2	0.00	0.00	Structures	Vegetation & Obstructions	Α	Inspector Comments: There is vegetation, the flow does not appear to be impeded.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
3	0.00	0.00	Structures	Shoaling / Sedimentation	Α	Inspector Comments: No shoaling or sedimentation observed.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
4	0.00	0.00	Structures	Erosion / Bank Caving	Α	Inspector Comments: No erosion observed.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
5	0.00	0.00	Structures	Revetments	Α	Inspector Comments: Riprap is visible and appears to be properly maintained.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
6	0.00	0.00	Structures	Encroachments	Α	Inspector Comments: No encroachments observed.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
7	0.00	0.00	Structures	Culverts: Inlets / Outlets	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	8
9	0.00	0.00	Structures	Metal Pipes	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
10	0.00	0.00	Structures	Trash Racks	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
11	0.00	0.00	Structures	Flap Gates	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
12	0.00	0.00	Structures	Sluice/Slide Gates	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
13	0.00	0.00	Structures	Electric Gate Operators	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
14	0.00	0.00	Structures	Manual Gate Operators	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °		
15	0.00	0.00	Structures	Concrete Surfaces	Α	Inspector Comments: Concrete surface appears to be in good condition.	39.762012 ° -121.797330 °	39.762012 ° 121.797330 °	
LS WS CR	cation : Land S : Water S	Side		Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	CO : C	artially Obstructing C : Corrected ompletely Obstructing ot Inspected, see Inspector Comment		Page	

Levee Inspection Report By Mile - Structure 2013

Butte County Public Works Department

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/30/2013 07/30/2013	Matthew Hoffman

LMR	Levee	Mile	Catamani	Itana	Rating ** Locatio	A stinut/Consument	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Category	Item	Rating ** Location	Action/Comment	Start	End	Photo
16	0.00	0.00	Structures	Concrete Tilting / Settlement	А	Inspector Comments: There are no significant areas of tilting, sliding or settlement observed.	39.762012 ° -121.797330 °	39.762012 ° -121.797330 °	
17	0.00	0.00	Structures	Concrete Foundations	Α	Inspector Comments: The concrete foundation appears in to be good condition.	39.762012 ° -121.797330 °	39.762012 ° -121.797330 °	
18	0.00	0.00	Structures	Security Fencing	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° -121.797330 °	
19	0.00	0.00	Structures	Closure Structures	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °		
20	0.00	0.00	Structures	Trash Rakes	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °	39.762012 ° -121.797330 °	
21	0.00	0.00	Structures	Other Metallic Items	N	Inspector Comments: This item does not apply to this inspection.	39.762012 ° -121.797330 °		
22	0.00	0.00	Structures	Monolith Joints	Α	Inspector Comments: Monolith joints appear to be in good condition.	39.762012 ° -121.797330 °	39.762012 ° -121.797330 °	
23	0.00	0.00	Structures	Safety	Α	Inspector Comments: Hand rails are installed.	39.762012 ° -121.797330 °	39.762012 ° -121.797330 °	
24	0.00	0.00	Structures	Operation & Maintenance Manual	А	Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.	39.762012 ° -121.797330 °	39.762012 ° -121.797330 °	

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/30/2013 07/30/2013	Matthew Hoffman

Levee Mile Report Line	1					
Start Levee Mile	0.00					
End Levee Mile	0.00					
Location						
Category	Structures					
Item	Photo Documentation					
This is a view of the weir.						
mhoffman_t_20130807_038.JPG						

